

# इंटरनेट

# मानक

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“Step Out From the Old to the New”

IS 6869-2 (1973): Playground Equipment for Parks, Part II:  
Horizontal Bars [PCD 22: Sports Goods]



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Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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*Indian Standard*  
**SPECIFICATION FOR  
 PLAYGROUND EQUIPMENT FOR PARKS  
 PART II HORIZONTAL BARS**

**1. Scope** — Specifies the requirements for horizontal bars erected in parks as playground equipment.

**2. Materials**

**2.0** Horizontal bars shall be made from materials conforming to 2 of IS : 6869 (Part I) - 1973 'Specification for playground equipment for parks: Part I General requirements' (*under print*).

**2.1 Steel Bar** — Shall be of wrought steel.

**2.2 Steel Tube** — Shall be of round section.

**2.3 Fittings** — Shall be of steel or malleable cast iron or grey cast iron.

**3. Dimensions**

**3.1 Height** — The bar shall be made in two heights of 1.6 and 2 m above ground level.

**3.2 Bar** — The maximum length of horizontal bar shall be 2.2 m. The bar shall be of steel having a diameter of  $28 \pm 0.1$  mm.

**3.3 Uprights** — The uprights shall be of steel tubes 60.3 mm outside diameter having a thickness of 4.5 mm. The uprights shall be embedded at least 550 mm in concrete foundation blocks.

**3.4 Sole Plates** — Shall be square shaped with a minimum length of side of 150 mm and shall be not less than 6.30 mm thick.

**3.5 Concrete Blocks** — Each block shall be not less than 450 mm square and not less than 600 mm deep.

**4. Construction**

**4.1** Horizontal bars shall be constructed in accordance with 4 of IS : 6869 (Part I) - 1973.

**4.2** When steel tube is used for bars it shall be galvanized or zinc sprayed.

**4.3 Uprights** shall be formed of steel tubes which shall be painted in accordance with 3.3 of IS : 6869 (Part I) - 1973.

**5. Workmanship and Finish** — Provisions of 3.1, 3.2 and 3.3 of IS : 6869 (Part I) - 1973 shall apply.

**6. Marking** — Provisions of 6 of IS : 6869 (Part I) - 1973 shall apply.

**6.1 ISI Certification Marking** — Details available with the Indian Standards Institution, New Delhi 1.

**7. Packing** — Provisions of 7 of IS : 6869 (Part I) - 1973 shall apply.

Sports Goods Sectional Committee, CPDC 4 [Ref : Doc : CPDC 4 (696)]

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